Product data sheet
Characteristics

LV426512
circuit breaker Compact NSXm 32A 4P 70kA at 380/415V(IEC) EverLink lug

Main

Range	ComPact
Product name	ComPact NSXm
Range of product	ComPact NSXm
Device short name	NSXm 32H
Product or component type	Circuit breaker
Device application	Distribution Protection
Number of poles	4P
Protected poles description	3D
Neutral position	Left
[In] rated current	32 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
[Icu] rated ultimate short-circuit breaking capacity	100 KA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 70 KA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 65 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 22 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 10 kA Icu at 660...690 V AC 50/60 Hz conforming to IEC 60947-2
Performance level	H 70 kA 415 V AC
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit protection functions	LI
Control type	Toggle
Circuit breaker mounting mode	By screws Clip-on

Complementary

[Ui] rated insulation voltage	800 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ics] rated service short-circuit breaking capacity	100 KA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 70 KA at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 65 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 30 KA at 500 V AC 50/60 Hz conforming to IEC 60947-2 22 KA at 525 V AC 50/60 Hz conforming to IEC 60947-2 2.5 kA at 660...690 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	20000 cycles
Electrical durability	10000 Cycles at 440 V In 20000 Cycles at 440 V In/2 5000 Cycles at 690 V In 10000 cycles at 690 V In/2
Mounting support	Plate DIN rail
Connection terminals	1 Everlink lug wire size 2.5…95 mm², rigid or stranded aluminium/copper 1 Everlink lug wire size 2.5…70 mm², flexible copper
Connection pitch	35 Mm with spreaders 27 mm without spreaders
9 mm pitches	12 module
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rating	32 A at 40 °C
Long-time pick-up adjustment type Ir (thermal protection)	Adjustable
[Ir] long-time protection pick-up adjustment range	0.7...1 x In
Long-time protection delay adjustment type tr	Fixed
[Im] magnetic protection pick-up range	600 A
Earth-leakage protection	Without
Number of slots for electrical auxiliaries	1 slot(s) for auxiliary switch OF 1 slot(s) for alarm switch SD 1 slot(s) for voltage release MN or MX
Width (W)	108 mm
Height (H)	137 mm
Depth (D)	80 mm
Net weight	1.42 kg
Colour	Grey (RAL 7016)

Environment

Standards	EN/IEC 60947
Product certifications	CCC EAC Marine
Pollution degree	3 conforming to IEC 60664-1
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-50…85 °C
Relative humidity	0…95 %
Operating altitude	0...2000 m without derating 2000...5000 m with derating

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.6 kg
Package 1 Height	12.5 cm
Package 1 width	11.7 cm

Package 1 Length	22 cm
Unit Type of Package 2	P12
Number of Units in Package 2	144
Package 2 Weight	254.49 kg
Package 2 Height	110 cm
Package 2 width	80 cm
Package 2 Length	120 cm
Unit Type of Package 3	S03
Number of Units in Package 3	6
Package 3 Weight	10.19 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins